

TEXTBOOKS FOR SUSTAINABLE DEVELOPMENT

A GUIDE TO EMBEDDING



United Nations
Educational, Scientific and
Cultural Organization



Mahatma Gandhi Institute
of Education for Peace
and Sustainable Development

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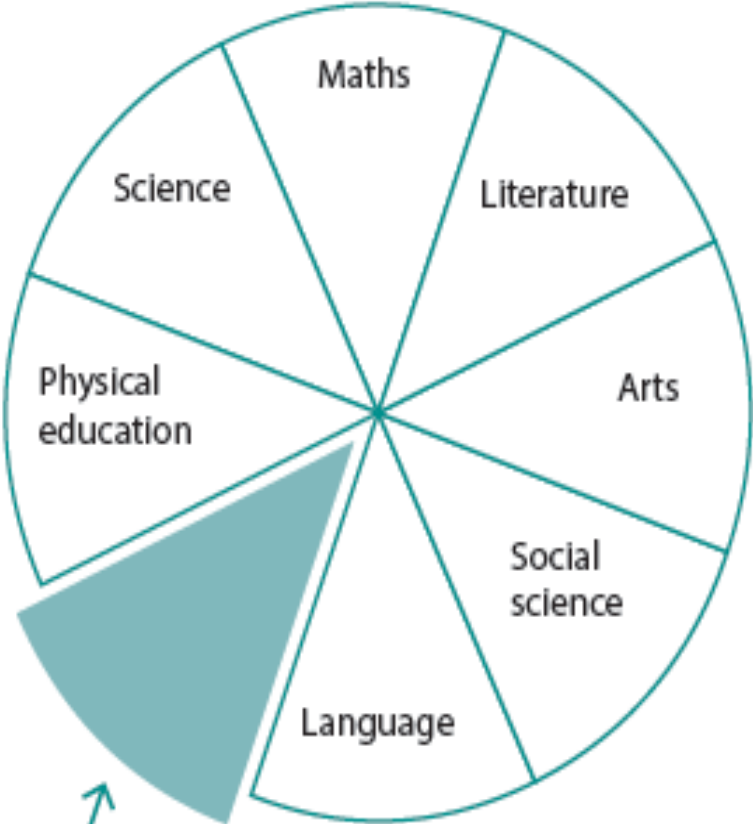


SUSTAINABLE DEVELOPMENT GOALS

17 GOALS TO TRANSFORM OUR WORLD

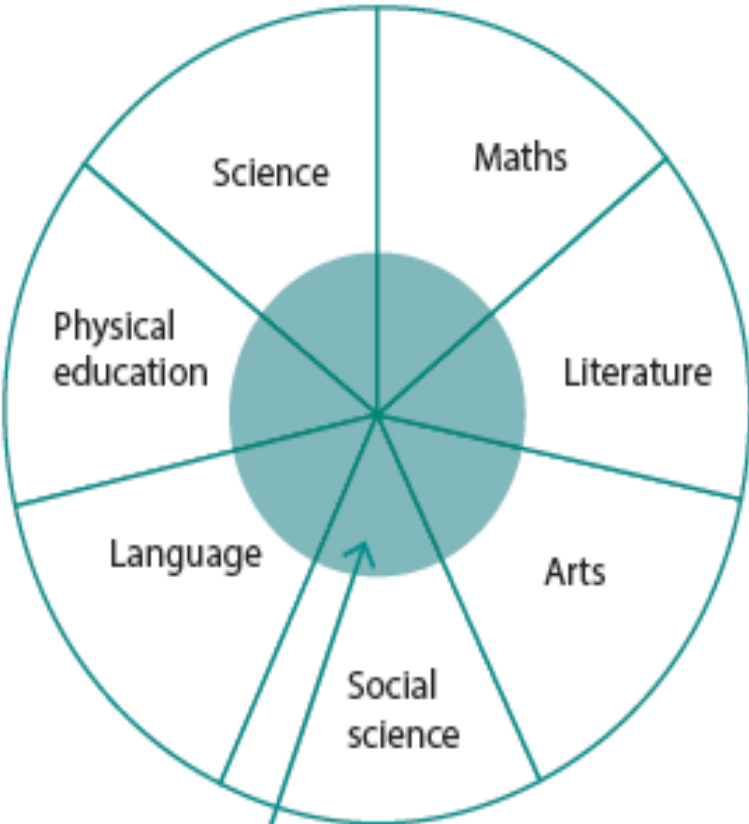


ESD as an individual discipline



Education for sustainable development (a weak structure)

ESD as a multi-disciplinary subject



Education for sustainable development (a strong structure)



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The Embedding Guide



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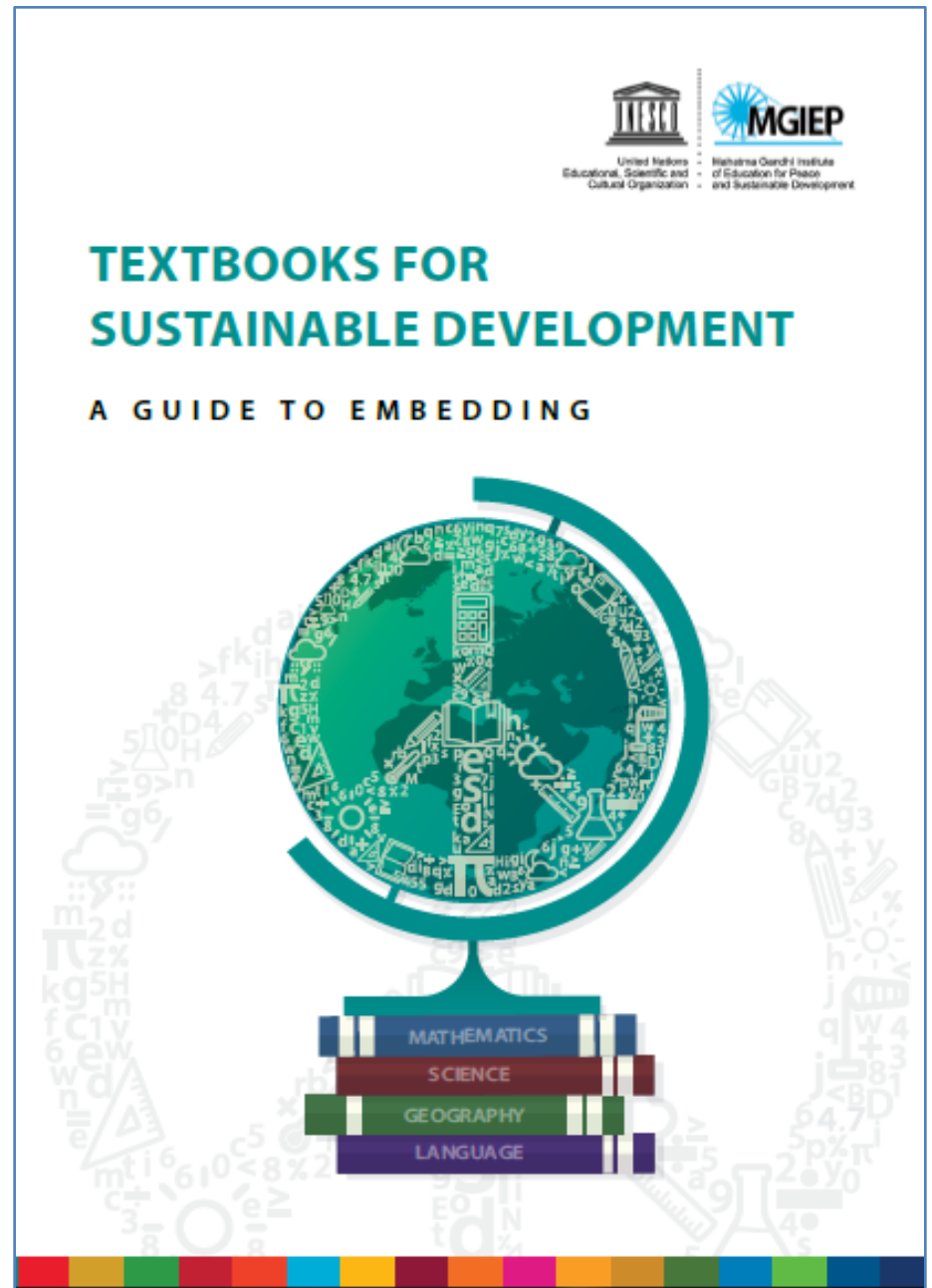
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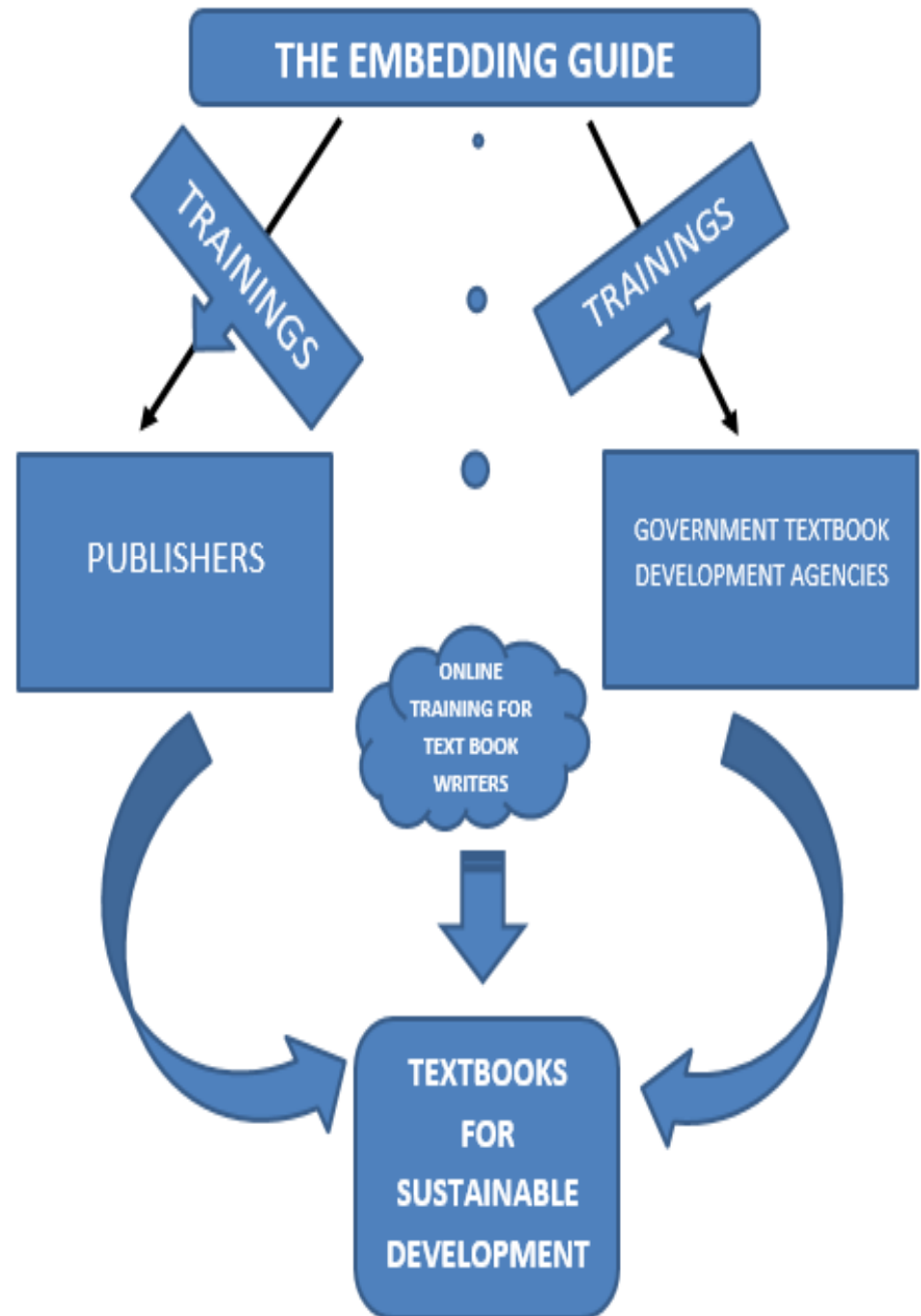
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THE KEY TRAINING OF TEXTBOOK WRITERS





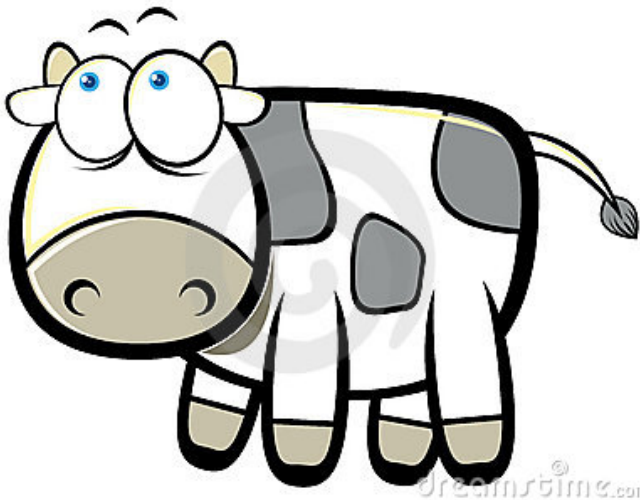
Story of 11 Cows and a will

11 Cows are a problem

$\frac{1}{2}$ of 11 = 5.5 cows????

$\frac{1}{4}$ of 11 = 2.7 cows???

$\frac{1}{6}$ of 11 = 1.8 cows???



11+1 Cows

$$11+1 = 12 \text{ Cows}$$

$$\frac{1}{2} \text{ of } 12 = 6 \text{ cows}$$

$$\frac{1}{4} \text{ of } 12 = 3 \text{ cows}$$

$$\frac{1}{6} \text{ of } 12 = 2 \text{ cows}$$

$$\text{Total} = 11 \text{ cows}$$

Can Mathematics take care of our concerns...the
real concerns of our society?